

Glycine N-(phosphonomethyl) Sodium Salt  
Bibliography  
Chem code 103603

**61-1 Chemical Identity**

MRID	Citation Reference
40154801	Barclay, J. (1986) Product Chemistry to Support the Registration of Sodium Sesqui-N-phosphonomethyl Glycinate: Product Identity and Composition: Lab. Proj. No. MSL-6265. Unpublished study prepared by Monsanto Co. 41 p.

**61-2 Description of Beginning Materials and Manufacturing Proces**

MRID	Citation Reference
40154801	Barclay, J. (1986) Product Chemistry to Support the Registration of Sodium Sesqui-N-phosphonomethyl Glycinate: Product Identity and Composition: Lab. Proj. No. MSL-6265. Unpublished study prepared by Monsanto Co. 41 p.

**61-3 Discussion of Formation of Impurities**

MRID	Citation Reference
40154801	Barclay, J. (1986) Product Chemistry to Support the Registration of Sodium Sesqui-N-phosphonomethyl Glycinate: Product Identity and Composition: Lab. Proj. No. MSL-6265. Unpublished study prepared by Monsanto Co. 41 p.

**62-1 Preliminary Analysis**

MRID	Citation Reference
40154802	Barclay, J. (1986) Product Chemistry to Support the Registration of Sodium Sesqui-N-phosphonomethyl Glycinate: Analysis and Cer- tification of Product Ingredients: Lab. Proj. No. MSL-6266. Unpublished study prepared by Monsanto Co. 48 p.
40405401	Hirsch, R.; Augustin, D. (1987) Nitrosamine Analyses of Roundup Herbicide, Rodeo Herbicide, MON 0139 and Polado Technical: Laboratory Project ID R. D. No. 835. Unpublished study prepared by Monsanto Agricultural Company. 212 p.

**62-2 Certification of limits**

MRID	Citation Reference
40154802	Barclay, J. (1986) Product Chemistry to Support the Registration of Sodium Sesqui-N-phosphonomethyl Glycinate: Analysis and Cer- tification of Product Ingredients: Lab. Proj. No. MSL-6266. Unpublished study

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62-3     Analytical Method

MRID	Citation Reference
40154802	Barclay, J. (1986) Product Chemistry to Support the Registration of Sodium Sesqui-N-phosphonomethyl Glycinate: Analysis and Cer- tification of Product Ingredients: Lab. Proj. No. MSL-6266. Unpublished study prepared by Monsanto Co. 48 p.

63-0     Reports of Multiple phys/chem Characteristics

MRID	Citation Reference
108192	Brightwell, B.; Malik, J. (1978) Solubility, Volatility, Adsorption and Partition Coefficients, Leaching and Aquatic Metabolism of MON 0573 and MON 0101: Report No. MSL-0207. Final rept. (Un- published study received Jun 12, 1978 under 524-308; submitted by Monsanto Co., Washington, DC; CDL:234108-A)
40154803	Barclay, J. (1986) Product Chemistry to Support the Registration of Sodium Sesqui-N-phosphonomethyl Glycinate: Physical and Chemical Characteristics: Lab. Proj. No. MSL-6267. Unpublished study prepared by Monsanto co. 14 p.

71-1     Avian Single Dose Oral Toxicity

MRID	Citation Reference
85638	Fink, R.; Beavers, J.B.; Joiner, G.; et al. (1980) Final Report: Acute Oral LD50--Bobwhite Quail: Project No. 139-192. (Unpub- lished study received Jun 25, 1981 under 524-332; prepared by Wildlife International, Ltd. and Washington College, submitted by Monsanto Co., Washington, D.C.; CDL:245326-I)

71-2     Avian Dietary Toxicity

MRID	Citation Reference
85639	Fink, R.; Beavers, J.B.; Joiner, G.; et al. (1981) Final Report: Eight-day Dietary LC50--Bobwhite Quail: Project No. 139-190. (Unpublished study received Jun 25, 1981 under 524-332; prepared by Wildlife International, Ltd. and Washington College, submit- ted by Monsanto Co., Washington, D.C.; CDL:245326-J)
85640	Fink, R.; Beavers, J.B.; Joiner, G.; et al. (1980) Final Report: Eight-day Dietary LC50--Mallard Duck: Project No. 139-191. (Un- published study received Jun 25, 1981 under 524-332; prepared by Wildlife International, Ltd. and Washington College, submitted by Monsanto Co., Washington, D.C.; CDL:245326-K)

72-1     Acute Toxicity to Freshwater Fish

MRID	Citation Reference
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79146 Thompson, C.M.; Griffen, J.; McKee, M.; et al. (1980) Acute Toxicity of MON 8000 (Lot No. QUSS-0501) (AB-80-497) to Bluegill Sunfish (*Lepomis macrochirus*): Static Acute Bioassay Report #26779. (Unpublished study received Jun 25, 1981 under 524-332; prepared by Analytical Bio Chemistry Laboratories, Inc., submitted by Monsanto Co., Washington, D.C.; CDL:245326-C)

85637 Thompson, C.M.; Griffen, J. (1980) Acute Toxicity of MON 8000 (Lot No. QUSS-0501) (AB-80-496) to Rainbow Trout (~*Salmo gairdneri*): Static Acute Bioassay Report #26778. (Unpublished study received Jun 25, 1981 under 524-332; prepared by Analytical Bio Chemistry Laboratories, Inc., submitted by Monsanto Co., Washington, D.C.; CDL:245326-B)

72-2 Acute Toxicity to Freshwater Invertebrates

MRID	Citation Reference
79147	Forbis, A.D.; Boudreau, P.; Thompson, C.M. (1980) Acute Toxicity of MON 8000 (AB-80-498) to <i>Daphnia magna</i> : Static Acute Bioassay Report #26780. (Unpublished study received Jun 25, 1981 under 524-332; prepared by Analytical Bio Chemistry Laboratories, Inc., submitted by Monsanto Co., Washington, D.C.; CDL:245326-D)

72-3 Acute Toxicity to Estuarine/Marine Organisms

MRID	Citation Reference
79148	Ward, S.; Oleson, R. (1981) Acute Toxicity of Technical MON-8000 to Sheepshead Minnows (~ <i>Cyprinodon variegatus</i> ): Report No. BP- 81-5-76. (Unpublished study received Jun 25, 1981 under 524- 332; prepared by EG & G Bionomics, submitted by Monsanto Co., Washington, D.C.; CDL:245326-E)
79149	Hollister, T.; Oleson, R. (1981) Acute Toxicity of Technical MON- 8000 to Mysid Shrimp (~ <i>Mysidopsis bahia</i> ): Report No. BP- 81-5-78. (Unpublished study received Jun 25, 1981 under 524- 332; prepared by EG & G Bionomics, submitted by Monsanto Co., Washington, D.C.; CDL:245326-F)
79150	Hollister, T.; Oleson, R. (1981) Acute Toxicity of MON-8000 to Embryos-larvae of Eastern Oysters ( <i>Crassostrea virginica</i> ): Report No. BP-81-5-86. (Unpublished study received Jun 25, 1981 under 524-332; prepared by EG & G Bionomics, submitted by Monsanto Co., Washington, D.C.; CDL:245326-G)
79151	Ward, S.; Oleson, R. (1981) Acute Toxicity of Technical MON-8000 to Fiddler Crabs (~ <i>Uca pugnator</i> ): Report No. BP-81-5-77. (Un- published study received Jun 25, 1981 under 524-332; prepared by EG & G Bionomics, submitted by Monsanto Co., Washington, D.C.; CDL:245326-H)

81-1 Acute oral toxicity in rats

MRID	Citation Reference
132004	Branch, D.; Oleson, R. (1981) Mammalian Acute Toxicity and Acute Irritation Studies with MON 8000: ? Summary : Project No. ML-80- 324; Study Nos. 800298, -299, -300, -301. (Unpublished study received Oct 12, 1983 under 524-332; submitted by Monsanto Co., Washington, DC; CDL:251485-A)
132005	Branch, D.; Stout, L.; Folk, R. (1981) Acute Oral Toxicity of MON 8000 to Rats: Study No. 800298; DMEH Project No. ML-80-324. (Unpublished study received Oct 12, 1983 under 524-332; submit- ted by Monsanto Co., Washington, DC; CDL:251485-B)

136875 Birch, M. (1977) 60% WSP 1.5 Na-glyphosate: ?Toxicity in Rats and Rabbits|: Project No. Y-77-16. (Unpublished study received Mar 2, 1978 under 524-EX-45; prepared by Younger Laboratories, Inc., submitted by Monsanto Co., Washington, DC; CDL:096894-A)

81-2 Acute dermal toxicity in rabbits or rats

MRID	Citation Reference
132004	Branch, D.; Oleson, R. (1981) Mammalian Acute Toxicity and Acute Irritation Studies with MON 8000: ? Summary : Project No. ML-80- 324; Study Nos. 800298, -299, -300, -301. (Unpublished study received Oct 12, 1983 under 524-332; submitted by Monsanto Co., Washington, DC; CDL:251485-A)
132006	Branch, D.; Stout, L.; Folk, R. (1981) Acute Dermal Toxicity of MON 8000 to Rabbits: Study No. 800299; DMEH Project No. ML-80-324. (Unpublished study received Oct 12, 1983 under 524-332; submit- ted by Monsanto Co., Washington, DC; CDL:251485-C)
136875	Birch, M. (1977) 60% WSP 1.5 Na-glyphosate: ?Toxicity in Rats and Rabbits : Project No. Y-77-16. (Unpublished study received Mar 2, 1978 under 524-EX-45; prepared by Younger Laboratories, Inc., submitted by Monsanto Co., Washington, DC; CDL:096894-A)

81-3 Acute inhalation toxicity in rats

MRID	Citation Reference
40750701	Bechtel, C. (1988) Volume 2. Acute Inhalation Study of Polado PGR: Laboratory Project No.: ML-88-48/EHL 88046. Unpublished study prepared by Environmental Health Laboratory. 37 p.

81-4 Primary eye irritation in rabbits

MRID	Citation Reference
132008	Branch, D.; Stout, L.; Folk, R. (1981) Primary Eye Irritation of MON 8000 to Rabbits: Study No. 800301; DMEH Project No. ML-80- 324. (Unpublished study received Oct 12, 1983 under 524-332; submitted by Monsanto Co., Washington, DC; CDL:251485-E)
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81-5 Primary dermal irritation

MRID	Citation Reference
132007	Branch, D.; Stout, L.; Folk, R. (1981) Primary Skin Irritation of MON 8000 to Rabbits: Study No. 800300; DMEH Project No. ML-80- 324. (Unpublished study received Oct 12, 1983 under 524-332; submitted by Monsanto Co., Washington, DC; CDL:251485-D)

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Birch, M. (1977) 60% WSP 1.5 Na-glyphosate: ?Toxicity in Rats and Rabbits|: Project No. Y-77-16. (Unpublished study received Mar 2, 1978 under 524-EX-45; prepared by Younger Laboratories, Inc., submitted by Monsanto Co., Washington, DC; CDL:096894-A)

82-2      21-day dermal-rabbit/rat

MRID	Citation Reference
40555	Hamilton, W.J. (1973) Report to Monsanto Company: 21-Day Subacute Dermal Toxicity Study with Six Samples in Male Albino Rabbits: IBT No. A2144. (Unpublished study received on unknown date under 4G1444; prepared by Industrial Bio-Test Laboratories, Inc., submitted by Monsanto Co., Washington, D.C.; CDL:093847-H)

121-1      Phytotoxicity

MRID	Citation Reference
59973	Serdy, F.S.; Frost, K.R.; Hunt, C.R.; et al. (1977) The Measurement of Pesticide Drift Resulting from Aerial Applications and the Product Activity Level on Sensitive Non-target Plants. Includes undated method entitled: Colorimetric method for determination of spray deposit. (Unpublished study received Nov 10, 1980 under 524-327; submitted by Monsanto Co., Washington, D.C.; CDL: 099707-A)

162-3      Anaerobic aquatic metab.

MRID	Citation Reference
108192	Brightwell, B.; Malik, J. (1978) Solubility, Volatility, Adsorption and Partition Coefficients, Leaching and Aquatic Metabolism of MON 0573 and MON 0101: Report No. MSL-0207. Final rept. (Unpublished study received Jun 12, 1978 under 524-308; submitted by Monsanto Co., Washington, DC; CDL:234108-A)

163-1      Leach/adsorp/desorption

MRID	Citation Reference
108192	Brightwell, B.; Malik, J. (1978) Solubility, Volatility, Adsorption and Partition Coefficients, Leaching and Aquatic Metabolism of MON 0573 and MON 0101: Report No. MSL-0207. Final rept. (Unpublished study received Jun 12, 1978 under 524-308; submitted by Monsanto Co., Washington, DC; CDL:234108-A)

171-4C      Magnitude of the Residue [by commodity]

MRID	Citation Reference
30205	Monsanto Company (1979) ?Sugarcane Residues: MON 8000 . (Unpublished study received Dec 18, 1979 under 524-332; prepared in cooperation with Waialua and Mauna Kea Sugar Cos.; CDL:099157-C)



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171-4A3 Nature of the Residue in Livestock

MRID	Citation Reference
40541301	Bodden, R.; Patanella, J.; Feng, P. (1988) Volume 1: Metabolism Study of Synthetic ?Carbon 13/Carbon 14 --Labeled Glyphosate and Aminomethylphosphonic Acid in Lactating Goats: Laboratory Pro- ject No. HLA 6103-113: MSL-7458. Unpublished study prepared by Monsanto Co. 129 p.
40541302	Bodden, R.; Feng, P.; Patanella, J. (1988) Volume 2: Metabolism Study of Synthetic ?Carbon 13/Carbon 14 --Labeled Glyphosate and Aminomethylphosphonic Acid in Laying Hens: Laboratory Pro- ject No.: HLA 6103-112: MSL-7420. Unpublished study prepared by Monsanto Co. 126 p.

Non-Guideline Study

MRID	Citation Reference
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39227	Monsanto Company (1978) Summary of Toxicology Studies Conducted on Roundup-(R)Herbicide. (Unpublished study received Apr 15, 1980 under NB 80/1; submitted by state of Nebraska for Monsanto Co., Washington, D.C.; CDL:242224-B)
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40549	Monsanto Company (1973) Toxicology--Summary. Summary of studies 093847-B through 093847-R. (Unpublished study received on un- known date under 4G1444; CDL:093847-A)
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52561	Monsanto Company (1974) Toxicology--Summary. (Unpublished study received Oct 4, 1974 under 5F1560; CDL:094260-C)
65654	Monsanto Company (1979) ?Efficacy of Polado Used on Sugarcane . (Compilation; unpublished study, including published data, received Jun 26, 1980 under 524-332; CDL:099801-A)
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